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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/726,099
	Filing Date	December 2, 2003
	First Named Inventor	Roger W. Engelbart et al
	Art Unit	2624
	Examiner Name	Joseph Mancuso
Total Number of Pages in This Submission	Attorney Docket Number	7783-000623

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return postcard		
<table border="1"><tr><td>Remarks</td><td>The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.</td></tr></table>			Remarks	The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name	Mark D. Elchuk	Reg. No.	33,686
Signature					
Date	April 6, 2007				

CERTIFICATE OF TRANSMISSION/MAILING

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Typed or printed name	Mark D. Elchuk	Express Mail Label No.	EV 522 877 632 US (4/6/2007)
Signature		Date	April 6, 2007

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EV 522 877 632 US



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/726,099
Filing Date: December 2, 2003
Applicant: Roger W. Engelbart et al
Group Art Unit: 2624
Examiner: Joseph Mancuso
Title: Systems and Methods for Determining Defect
Characteristics of a Composite Structure
Attorney Docket: 7784-000623

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

SECOND PRELIMINARY AMENDMENT

Sir:

It is respectfully requested that the application be further amended as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Abstract begin on page 19 of this paper.

Amendments to the Claims begin on page 20 of this paper.

Remarks begin on page 27 of this paper.